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Attorney Dkt. No. 64688/152

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:
Xuehai Ye *et al.*
Serial No. 09/972,956
Filed 10/10/2001
For: Gene Transfer Into Renal Glomerular Cells

GAU: 1614
Examiner: J. Eric Angell

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AMENDMENT UNDER 37 CFR 1.111

Commissioner for Patents
Washington, DC 20231
BOX: NON-FEE AMENDMENT

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Sir:

Responsive to an Office Action mailed May 23, 2002, the applicants make the following claim amendment and remarks.

In the claims:

Please amend claim 1 as follows:

1. A method of infecting the glomerular cells of a kidney of a mammalian subject [requiring same] with a recombinant adenovirus vector carrying a gene or genes of interest, comprising the step of infusing intra-renal arterially and continuously in a single pass through the superior mesenteric artery or renal artery an effective amount of said adenoviral vector into said kidney at an effectively slow rate over an effective period of time, under conditions such that at least 30% of said glomerular cells are infected with said vector.

Please add the following claims:

8. The method according to claim 1, wherein said gene is the lacZ gene.
9. The method according to claim 1, wherein said gene encodes a growth factor.